

Work affecting beam-lines during the Aug. – Sept. Maintenance Period
(8-27-03 through 9-26-03)
(As of 8-25-03)

Switch gear maintenance X2 - Saturday – Sept. 6, 2003

LOM 432 and Sectors 4, 5, 6, & 7

Power will be off from approximately 6 am to 6 pm. This will also cause e-power bump at ~ 06:30 and at ~17:30
This affects cryo-pumps connected to e-power.

EFOG will contact beam-line personnel and establish some 120 V power to their area for necessary items.

Switch gear maintenance X3 - Saturday – Sept. 13, 2003

LOM 433 and Sectors 8, 9, 10, & 11

Power will be off from approximately 6 am to 6 pm. This will also cause e-power bump at ~ 06:30 and at ~17:30
This affects cryo-pumps connected to e-power.

EFOG will contact beam-line personnel and establish some 120 V power to their area for necessary items.

Emergency Power Transfer Switch testing – Saturday – Sept 6, 2003

Emergency power will be interrupted twice (15 sec for switch over and then 5 sec. to restore).

Tests affecting Sector 33 & 35 e-power to cryo-pump at ~ 07:00 to 07:30 & LOM 438

Tests affecting Sector 1 e-power to cryo-pump at ~ 07:30 to 08:00 & LOM 431

Tests affecting Sector 9, 10,&11 e-power to cryo-pump at ~ 08:30 to 09:00

Tests affecting Sector 12, & 13 e-power to cryo-pump at ~ 09:30 to 10:00

Tests affecting Sector 17, 18, & 19 e-power to cryo-pump at ~ 10:30 to 11:00

Tests affecting Sector 20, & 22 e-power to cryo-pump at ~ 11:30 to 12:00

NOTE: these are approximate dates!!

Survey & Alignment work

Start date: 9/17/2003 - Sector 14-BM – check the alignment of the beamline components for 14BM.

Start date: 9/15/2003 - Sector 10-ID –align BE window

Front End Work:

Start date 8/27/2003 – Sector 10-ID - Replace commissioning window assembly, install 1.33 valve on RGA system and bake out, etc.

Start date 8/27/2003 - Sector 18- ID - Repair X-BPM blade and replace FEV, bake out etc

PSS work

Start date: 8/27/2003 – Sector 19-ID – move 19-ID station D pneumatic door box farther away from the door
8/27/2003 – Sector 2-ID – upgrade 2-ID station door locks and led indication
8/28/2003 – Sector 7-ID – pull out four unused love controllers from the PSS DIW chassis
8/27/2003 – Sectors 8-35 – pulizzi plug-in configuration change: a) in sectors 8-35, unplug pulizzi power controllers located in the PSS racks from the UPS's and plug them into the blue receptacles powered by the central UPS; b) follow the PSS Task workflow checklist to clear all faults; c) notify Roy Emerson about the power cyclings that took place.
8/27/2003 – Sectors 1-ID & 2-ID – pull out obsolete PSS DIW cables.
8/27/2003 – Sectors 3-ID – ground 2 PSS control panels (upper 15U's), for stations A/B and D.
8/27/2003 – Sector 2-ID – ground 4 PSS control panels (upper 15U's), for stations A, B, D & E.
8/27/2003 – Sector 23-ID – FE shutter work; disconnect PSS components from PS2 and safety shutters on 8/27/2003, reinstall PSS switch assemblies when PS2, SS1 and SS2 are ready (~9/10/03), calibrate PSS switches and shutter motion, and validate PSS wiring and controls.
8/26/2003 – Sector 4-ID – BLEPS work; reroute field device cables to the new rack #2 location and terminate. Move Panel View #2 (PV2) to its new location. Pull the 'blue hose' communication cable from rack #1 to the remote I/O adapter in rack #2, then to PV2. Perform test procedures.
8/27/2003 – Sectors 3,4,5 Pull new PSS DIW wiring, install new LOVE Controller chassis, perform DIW validations.
8/27/2003 – 3-ID check SS1 position switches and other parts
8/27/2003 - 14-BM-C Relocate PSS search Box 1

PSS re-validation schedule:

8/27-28	10ID
8/27-29	2ID
9/3-5	5BM
9/3-5	6ID
9/8-10	8ID
9/8-10	9BM
9/15-17	12ID
9/15-17	34ID
9/22-24	35ID
9/22-23	35BM
9/29-9/30	4ID

Work on the low temperature hot water lines.

This work will begin on August 27th and continue through September 26th. The area at column 98 will be drained on August 27th where a gasket needs to be replaced or repaired. This should take only one or two days. This will affect LOM 433 and the experimental hall floor in that area. The affect will be loss of heating, so we may experience some cool temperatures if the weather does not cooperate. As soon as this repair is made, heat will be restored. Insulation of piping will begin no sooner than August 27th. A schedule of areas will be given next week. The work will require moving apparatus on the floor so that workers can access the pipe joints. EFOG will work with beam-line personnel to move (as required) and protect apparatus on the floor. Schedule of re-insulating is forth coming.

The tentative schedule for re-insulation is:

Sectors 1,2,3,4 will be worked on during the period of Aug. 27rd to Sept. 5th Working clockwise starting at sector 1

Sectors 35,34,33,32 will be worked on during the period of Aug. 27rd to Sept. 5th Working counter clockwise starting at sector 35

Sectors 5,6,7,8, will be worked on during the period of Sept. 8th to Sept. 12th Working clockwise starting at sector 5

Sectors 23,22,21,20, will be worked on during the period of Sept. 8th to Sept. 12th Working counter clockwise starting at sector 23

Sectors 9,10,11,12 will be worked on during the period Sept. 15th to Sept. 19th Working clockwise starting at sector 9

Sectors 19,18,17,16 will be worked on during the period Sept. 15th to Sept. 19th Working counter clockwise starting at sector 19

Sectors 13,14,15 will be worked on during the period Sept. 22th to Sept. 26th Working clockwise starting at sector 13

Work on UPS system on SR mezzanine. 8/28/2003

Emergency power will be shutdown for 1 to 2 hours beginning with

Sector 17, 18, 19 & 20 e-power to cryo-pump at ~ 07:30 to 09:30

LOM 435 (Hoods), card key system, PA system, emergency lighting in LOM 435.

Cold Rooms in sector 17 & 19

Process water:

Work in sectors 3,4,&8 During maintenance period.

Sector 34 Install new throttle valve for M4 -- 7/28/03

ID Work

Sectors 3US,3DS (remove, re-measure, reinstall, calibration and maintenance 8/27/2003 to 9/19/2003)

Sector 4DS Remove and replace, calibration and maintenance 8/27/2003 to 9/19/2003)

Sector 10-ID Remove, measure and reinstall (8/27/2003 to 9/19/2003)

Sector 11-ID Install new encoder.

Shutter Work:

Sector 2-BM (mode shutter) work will begin near end of maintenance period

Sector 16-ID-B located in A enclosure. Start 8/27/03 - reinstall near end of maintenance period.

If you require cryo-pump maintenance, and/or enclosure door maintenance during this period, please contact your Floor Coordinator to make arrangements.